

CLAIMS

What is claimed is:

- 1 1. A method for transitioning among states during use of a voice browser,  
2 comprising:
  - 3 (a) receiving a script at a voice browser utilizing a network;
  - 4 (b) executing the script utilizing the voice browser;
  - 5 (c) automatically tracking a plurality of states during the execution of the script  
6 utilizing the voice browser;
  - 7 (d) receiving a request from a user during the execution of the script to transition  
8 to a previous state; and
  - 9 (e) automatically transitioning to the previous state of the script with the voice  
10 browser in response to the request.
- 1 2. The method as set forth in claim 1, and further comprising determining  
2 whether code exists indicating that the previous state should be skipped.
- 1 3. The method as recited in claim 2, and further comprising transitioning to a  
2 state previous to the previous state.
- 1 4. The method as recited in claim 2, and further comprising transitioning to a  
2 state previous to the previous state in response to the request if the code  
3 exists.
- 1 5. The method as recited in claim 1, and further comprising determining  
2 whether code exists indicating a state other than the previous state to which  
3 the script should be transitioned in response to the request.

1 6. The method as recited in claim 5, and further comprising transitioning to the  
2 state other than the previous state in response to the request if the code exists.

1 7. The method as recited in claim 6, wherein the code includes a function  
2 written in JAVASCRIPT.

1 8. The method as set forth in claim 6, wherein the code includes a command for  
2 identifying specific instructions relating to the transitioning.

1 9. The method as set forth in claim 1, and further comprising storing  
2 information regarding each state of the script.

1 10. The method as set forth in claim 9, wherein the information identifies a type  
2 of event associated with one of the states.

1 11. The method as set forth in claim 9, wherein the information identifies a field  
2 item.

1 12. The method as set forth in claim 9, wherein the information identifies a form.

1 13. The method as set forth in claim 9, wherein the information identifies an  
2 application.

1 14. The method as set forth in claim 9, wherein the information is accessed via a  
2 pointer.

1 15. A computer program product for transitioning among states during use of a  
2 voice browser, comprising:

- 3 (a) computer code for receiving a script at a voice browser utilizing a network;  
4 (b) computer code for executing the script utilizing the voice browser;

10072488-0450  
205T2200T

- 5 (c) computer code for automatically tracking a plurality of states during the  
6 execution of the script utilizing the voice browser;
- 7 (d) computer code for receiving a request from a user during the execution of the  
8 script to transition to a previous state; and
- 9 (e) computer code for automatically transitioning to the previous state of the  
10 script with the voice browser in response to the request.

- 1 16. A system for transitioning among states during use of a voice browser,  
2 comprising:
- 3 (a) means for receiving a script at a voice browser utilizing a network;
- 4 (b) means for executing the script utilizing the voice browser;
- 5 (c) means for automatically tracking a plurality of states during the execution of  
6 the script utilizing the voice browser;
- 7 (d) means for receiving a request from a user during the execution of the script  
8 to transition to a previous state; and
- 9 (e) means for automatically transitioning to the previous state of the script with  
10 the voice browser in response to the request.

- 1 17. A system for transitioning among states during use of a voice browser,  
2 comprising:
- 3 (a) logic for receiving a script at a voice browser utilizing a network;
- 4 (b) logic for executing the script utilizing the voice browser;
- 5 (c) logic for automatically tracking a plurality of states during the execution of  
6 the script utilizing the voice browser;
- 7 (d) logic for receiving a request from a user during the execution of the script to  
8 transition to a previous state; and
- 9 (e) logic for automatically transitioning to the previous state of the script with  
10 the voice browser in response to the request.

- 1 18. A method for transitioning among states during use of a voice browser,  
2 comprising:

- 3 (a) receiving a script at a voice browser utilizing a network;
- 4 (b) executing the script utilizing the voice browser;
- 5 (c) tracking a plurality of states during the execution of the script;
- 6 (d) storing information regarding each state of the script;
- 7 (e) receiving a request from a user during the execution of the script to transition
- 8 to a previous state;
- 9 (f) if it is determined that code exists indicating that the previous state should be
- 10 skipped, transitioning to a state previous to the previous state in response to
- 11 the request utilizing the stored information;
- 12 (g) if it is determined that code exists indicating a state other than the previous
- 13 state to which the script should be transitioned, transitioning to the state other
- 14 than the previous state in response to the request utilizing the stored
- 15 information;
- 16 (h) if said code does not exist, automatically transitioning to the previous state of
- 17 the script with the voice browser in response to the request utilizing the
- 18 stored information.

2025 RELEASE UNDER E.O. 14176